Fig.1A

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   1 gaattcacat ttctcacctt ttgatgtatt aagaaagtat ggagaaatat atcctctatc
  61 aaatttttcat gccttcaata atttctaatt catcagtcag tgtttttcca tcctttactg
 121 tgatgatgcc ctttcttcca aacttttca ttgcatcaga gatgatgtta ccaatttctt
 181 tgtctccatt tgcagaaatt gtagcaacct gtgcaatttc ttcaggtttg gtcacaggtt
 241 tagactgctt tttaagttca gcaattacag catcaacagc taacatcaca cctctcttga
 301 tttccactgg attagcacct ttgctaacct tctggaaggc ttatttggaa atagagcata
 361 ccagtacagc agcagtgata gtgccatccc ccagtctctc catttgtgtt attggcaaca
 421 tcttggacaa gtttagctcc aatgctttta tatttatcct ttaagtcaat tgactttgca
 481 tcagtcacac catcttttgt tactttggga cttccccagc tatgttcaat aattactgtt
 541 cttccctttg gccccattgt aatggctaca gcatcgacaa aaagtctaca ctttgaagca
 601 ttaaggctca gacatcagca ccaaatttta catctttacc atcacttcaa gtgaggtgag
 661 gagccagtag cctggacact ggtctcatct ggtgaaagac tgtgggtaat ggaagcattt
 721 ctgtggggtg gtggcaggac atgtgcatgg tgaggcaggt catcagcagc aagtgagagc
 781 tgcctcttac tttctaaagg tgacatagca agtatacaaa aaaaaataaa atattaattt
 841 aggcagagca cataaaggct ttatttcata ttccatttct ctgtatgctt tcttcaccag
 901 gaagaaatag ttttagtgtc aggaatgaat gagtctgccc ctcaattcca gcctgctcag
 961 cacacaagga aacaaagccc tgacaatcag agtgactccc tggtgactaa gctccagtcc
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Fig.1B (continued from Fig.1A)

1021 tggatgcata tttgtttagc agttctgaca gcatctgacc cagccctctc tttgcatacc

1081 ccaccagaac cttctttttt ttttttttte tttgagactg agtcttgctc tgtcggaagc

1141 gattcccgtg cctcagcctc ccaaatacct ggaattatag gcgtaagcca tcatgcctgg

1201 ctaatttttg tatttttcat ggagatgggg ttttgccatg ttggtcaaat tggtctcaca

1261 ctcctgacct catgtgatcc acctgcctca gcctcccaaa gtgctgggat gacaggtgta

1321 agccaccatg ctaggctcag aaatttcctt ttataaaaat gtcattaagg atcttggctg

1381 cacaatatcg ttaccagctt cctttaaatc cacctctggc ctgccaggaa tcagggttct

1441 tcagaacctg acattttaaa tgaagaggtc aggcaggtca tgaggaaagc ctcattgtcc

1501 ccatgtctct gtcactgctg caccctgag acatcacaga catggacact ggggcctgct

1561 tgtttctcaa actgcccttа gatcgaaaga gggaggaacc aggatgaatg ccactcattt

1621 tcccaagaaa ggccctctcc tgagtgcccg ggatggggct ctgtccattg cctggggccg

1681 ccaattgcta ctctgggtta cggaagaagg acagggtcct gagagacacc agagacctca

1741 cacagccctg aaaacatggg gctccttcat aagtgtttcc catcaccaac agggagacca

1801 cgtggaggcc ttgcagccct actcggtgct tctccaccaa atcccaaggg cagtgacgct

1861 gacgtctgtg gaaagcagag aaagccctgg ctcccaaagc cctgaagtcc tgtggagctg

1921 acattccctg agtgacggtg tgaatggaag gaactcaagt gcgggtggta ggccacctcc

1981 tggcccaggc ctgggtgaac tctgagggga cacatgtagt cacaatccca tcctcccatt

Fig.1C (continued from Fig.1B)

2041 ctccttctca gaggaaggaa gtgggcatcc atctgcctca tctctctccc gtggggaaga

2101 tggggagttt cagggaact ttcacataaa tttcaccagc tcagatctcc tgtgaggatg

2161 gggcccacca tgctcccggt gctgccagag gccctgagcc cctccagggt ccctgggttt

2221 gagccagccc tgtatcatcc ccaggagctg aatgtccgaa caatggatag aattagatgg

2281 aaagagctct caatttggcc tgagactgtc cccagatact caggaaaaac aggacgtcgc

2341 acagagtggg cagcaggtga gtggcaggtt ataggtcctg agtttgagtt tgttctcacg

2401 tgagacagac ccagcccctc actccattca cacactgggt tttaaatggt gcaagatagg

2461 aggaattttc tggtcccaag agcaggagga agggattttc tggggtttcc tgagtccaga

2521 tttgcataag atctcctgag tgtgcattgt tctttgagga ccattctctg actcaccagg

2581 taagtggctg aattctaacc tctgtaatga gcattgcacc caataccagt tctgaactct

2641 acctggtgac cagggaccag gacctttata aggtggaagg cttgatgtcc tccccagact

2701 cagctcctgg tgaagctccc agccatcagc catgagggtc ttgtatctcc tcttctcgtt

2761 cctcttcata ttcctgatgc ctcttccagg tgagatgggc cagggaaata ggagggttgg

2821 ccaaatggaa gaatggcgta gaagttctct gtctcctctc attcccctcc acctatctct

2881 ccctcatccc tctctctcct tcctctctct gtgtgtcccc tccatccttt tctcctgctt

2941 ctctctcttc ttccctctct ctctttttt ctgtctttct ttttcctctc tccctagagc

3001 atgtctttct ttctttctct ttcctttctt ctacccacac ttttagactg agtagactga

Fig.1D (continued from Fig.1C)

3061 atgccctatt taattgaacc aagcattgct tccttcaata gaaaaggagt ttgagaaccc

3121 aatggacaac tcactcgttc ttctaagcca atatgaagga gcccagtagt ttgtaaatat

3181 catctcttca ctgctttcca tgctacaact gctgagacta tggttgaaac ctgttaggtg

3241 acttttaaa taaaaggcag aaattttgat tttatctaaa gaaagtagta tagaatgtca

3301 ttttctaaat ttttatattt aaagagtaga tactgcaacc tagagaattc cagataatct

3361 taaggcccag cctatactgt gagaactact gcagcagaca ctctgccccc aggacttttc

3421 tgatcagagg ccctgagaac agtccctgcc actaggccac tgcaggttca caggacaggg

3481 acagcccatt gaaaccaact tttaaacctg gatgcctaac cttcattttc tccttgatat

3541 tatgaaaata aaataaaaac catgaaagga taaaagaggg agagtggaag ggaaggatgg

3601 agaaagggaa aaagaaaatt tgagagtaaa tcctaaaaca attaatctaa tagatatcat

3661 cttgtgaaat cctcatttta ccaatcttat ttatgagtcc tgggttttgt gagaacaatg

3721 gggttctgag aggcaccaga gacctcatat tttccaaaac ctagaacagt ataatgaagg

3781 aaggagggaa ggagggaggg agggagggaa ggagggaagg agggagggag ggagggaaac

3841 aaaaagaaga atgaggttga aaccaggact tagatattag aaacaagcca ttacaaaatt

3901 tatttctatg gttaattgtg gttttcaact gtaagttact tggtgttaat ttcctattaa

3961 acaatttcag taagttgcat ctttttttatc ccatctcaga tcaaatactt aacagactaa

4021 atgatttgaa aaagcaaaag tttactggct tgtgtgtgtt aaaatggagg tatggtggct

Fig.1E (continued from Fig.1D)

4081 ttgatattat cttcttgtgg tggagctgaa ttcacaagag atcgttgctg agctcctgcc

4141 agaccccacc tggaggcccc agtcactcag gagagatcag ggtctttcac aatcaggttc

4201 tacaaaaata aacatccccc aaaccacagc agtgccagtt tccatgtcag aaacttagat

4261 ccaaatgact gactcgcgtc tcattatcat gatggaaaag cccaggcttg agaaagaagc

4321 ccgctgcgga tttactcaag gcgatactga cacagggttt gtgtttttcc aacatgagtt

4381 ttgagttctt acacgctgtt tgctcttttt gtgtgttttt tccctgttag gtgtttttgg

4441 tggtataggc gatcctgtta cctgccttaa gagtggagcc atatgtcatc cagtctttg

4501 ccctagaagg tataaacaaa ttggcacctg tggtctccct ggaacaaaat gctgcaaaaa

4561 gccatgagga ggccaagaag ctgctgtggc tgatgcggat tcagaaaggg ctccctcatc

4621 agagacgtgc gacatgtaaa ccaaattaaa ctatggtgtc caaagatacg caatctttat

4681 cctagtaatt gtggtcattg ggtgatgttg gtttgggcag gccatctcta atatccttga

4741 aacacctttt tctgctctcc aggaaggggt cagggctgcc acagcggggc ttggagtgc

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